

Title (en)

Cassette optical identification apparatus for a medical infusion system.

Title (de)

Optisches Kassettenerkennungsgerät für ein Medikamenteninfusionssystem.

Title (fr)

Dispositif d'identification optique de cassette pour un système de perfusion de médicaments.

Publication

**EP 0320168 A1 19890614 (EN)**

Application

**EP 88311355 A 19881130**

Priority

US 12800987 A 19871201

Abstract (en)

A cassette identification system for use with a medication infusion system having disposable cassettes which are mounted onto a main pump unit is disclosed which uses an optical sensor module (670) to read identifying bits (148,150,152) on the cassette. The identification indicia contained on the cassette each either pass light through a portion of the cassette, or diffuse the light to prevent it from passing through the cassette. The optical module (670) is mounted on the main pump unit, and includes light sources (686,688,690) and sensors (692,694,696) for each of the identification indicia on the cassette; the system may use either redundant or non-redundant coding for identifying the cassettes.

IPC 1-7

**A61M 5/14**

IPC 8 full level

**A61M 5/00** (2006.01); **A61M 1/00** (2006.01); **A61M 5/142** (2006.01); **G06K 7/10** (2006.01)

CPC (source: EP US)

**A61M 5/142** (2013.01 - EP US); **A61M 5/365** (2013.01 - EP US); **G06K 7/10861** (2013.01 - EP US); **A61M 2205/12** (2013.01 - EP US); **A61M 2205/6018** (2013.01 - EP US); **A61M 2205/6063** (2013.01 - EP US); **Y10S 128/12** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0225121 A2 19870610 - TOKYO ELECTRIC CO LTD [JP]
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Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0320168 A1 19890614**; **EP 0320168 B1 19930728**; CA 1319061 C 19930615; DE 3882670 D1 19930902; DE 3882670 T2 19940317; JP 2695877 B2 19980114; JP H02140173 A 19900529; US 4878896 A 19891107

DOCDB simple family (application)

**EP 88311355 A 19881130**; CA 584372 A 19881129; DE 3882670 T 19881130; JP 30508688 A 19881201; US 12800987 A 19871201